

About The Institution of Engineers (India):

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of over 0.8 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honors. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 125 Centers located across the country. The Institution also provides grant-in-aid to its members to conduct research and development on engineering subjects. IEI has been recognized as Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Govt. of India and besides conducting its own research, provides Grant-in-Aid to UG / PG / PhD students of Engineering Institutes & Universities. IEI holds the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The Institution also awards the Professional Engineers (PE) Certification. For details, please visit www.ieindia.org

About The IE(I) CLC:

The Centre was founded in the year of 1965, under the Chairmanship of Dr G R Damodaran, an educationist, the former Vice - Chancellor of Madras University, philanthropist and also the architect of PSG College of Technology, Coimbatore who lived for the technology development of the Nation. For more than five decades, the IE(I), Coimbatore Local Centre (CLC) has contributed a lot to the engineering community and to the society as a whole.

The Institution of Engineers (India), Coimbatore Local Centre has been adjudged the “**Best Local Centre**” based on all-round performance during the year 2022 - 2023. Our centre has also received the Best Local Centre Award in 2019 - 2020.

About PSG Institute of Technology and Applied Research:

PSG iTech, the latest initiative of PSG and Sons’ Charities, aims to realize its objective of enhancing youth empowerment through technical education. This institute caters to various engineering disciplines, focusing on learning, industry engagement of students, innovative and inclusive pedagogy, and ethics. PSG Institute of Technology and Applied Research aims at effective transfer of knowledge, pursuit of truth and moulding the students to become ideal citizens of the country. Within a short span of time, the Institution has emerged to be one of the most preferred institutions for the engineering aspirants in Tamil Nadu. PSG Institute of Technology and Applied Research, started in the year 2014, is an AICTE approved institution and affiliated to Anna University, Chennai. It is currently offering Undergraduate programs in Artificial Intelligence and Data Science, Civil Engineering, Computer Science and Business Systems, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering and Post Graduate programs in Engineering Design and Structural Engineering. This institution is equipped with Centres of Excellence such as Innovation Centre, NI Graphical System Design Centre, Keysight RF circuit & System Design Lab, Festo Lab, NEXMOO Mobile & IoT Centre of Excellence, CISCO Network Academy and eYantra. PSG iTech aims to achieve excellence in education and research and nurture engineers with ethics, who will face global challenges to serve industry and society.

About the Department:

The Department of ECE has been established to impart futuristic value based quality education in Electronics and Communication Engineering to the students for the welfare of the society and to enable them to excel in competitive examinations for higher education and employment.

The department has a team of committed faculty members who aspire teaching and research with strong knowledge in Electronics, VLSI Design, Communication Systems, and Embedded Systems.

The department has established Centre of Excellence such as Key sight Centre for Excellence in RF design and NI Graphical System Design Centre to promote and develop research capabilities and professional activities of the faculty and the students. The department has been recognized by Anna University as a research Centre.

About the Seminar:

Deep Learning Trends in Multimodal Medical Image Fusion and Analysis investigates the latest advancements at the intersection of medical imaging and deep learning. By leveraging contemporary deep learning techniques, this initiative examines into the potentially ground-breaking impact of integrating various imaging modalities, such as MRI, CT, PET, ultrasound, and histology images.

The participants will explore into insightful discussions and expert perspectives, examining challenges, future trajectories, and ethical considerations in this evolving field. Ultimately, this program serves as a portal to comprehend the transformative possibilities of emerging deep learning trends, providing a sneak peek into a healthcare future where precise diagnostics and personalized treatments are driven by the fusion and analysis of diverse medical imaging modalities.

Sub -Theme of the Seminar:

- ❖ Algorithmic Innovations in Multimodal Fusion
- ❖ Clinical Applications of Multimodal Image Analysis
- ❖ Ethical Considerations in Deep Learning for Medical Imaging
- ❖ Interdisciplinary Collaboration in Healthcare Imaging
- ❖ Future Trends and Challenges in Healthcare Imaging

The Institution of Engineers (India)

“A Century of Service to the Nation”

One Day Seminar

on

“Emerging Trends in Deep Learning for Multimodal Medical Image Fusion and Analysis”

on

13.04.2024



Organized by

The Institution of Engineers (India)

Coimbatore Local Centre

Under the aegis of
**Electronics and Telecommunication
Engineering Division Board, IEI**

in association with



**Department of Electronics and Communication
Engineering**

**PSG Institute of Technology and Applied
Research**

Coimbatore - 641062

Venue:

ECE Seminar Hall

**PSG Institute of Technology and Applied
Research, Coimbatore**

One Day Seminar
on
**"Emerging Trends in Deep
Learning for Multimodal Medical
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**Department of Electronics and
Communication Engineering
PSG Institute of Technology and Applied
Research, Coimbatore**

Registration Form

Name (in Block Letters):

Date of Birth & Age:

Qualification:

Experience:

Designation & Dept.:

Organization:

Address for Communication:

Mobile No.:

Email Id:

Date:

Place:

Signature



Resource Persons:

Expert members from R & D sectors, industries and various leading universities.

Eligibility:

IEI corporate members, UG and PG students, Research Scholars, Faculty members and Practicing Engineers.

How to Apply:

Registration* for the seminar can be made by sending the duly filled application through email or filling the in the registration link on or before **09.04.2024**.

Registration Link:

<https://forms.gle/9z2p9kjiEvo3jqj4z8>

*** No registration fee**

Pre-registration is mandatory

Spot registration is strictly not permitted

- **Limited seats are only available.**
- **The registration will be confirmed on first come first served basis.**

Chief Patron:

Shri L Gopalakrishnan
Managing Trustee
PSG Institutions, Coimbatore

Patrons:

Dr P V Mohanram FIE
Secretary, PSGiTech

Dr N Saravanakumar MIE
Principal, PSGiTech

Dr P Vijayakumar
Dean (Electrical and Computer Engineering) &
Professor and Head, Department of ECE
PSGiTech

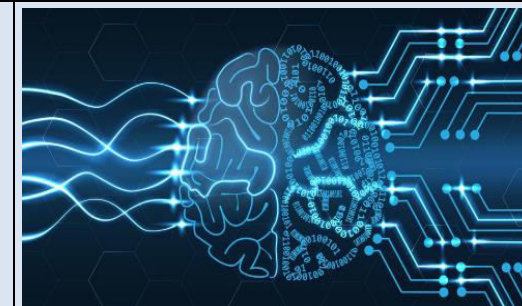
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Chairman
IE(I), Coimbatore Local Centre

Organizing Secretary:
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Honorary Secretary
IE(I), Coimbatore Local Centre

Convener:
Dr M Jothibas MIE
Assistant Professor (Selection Grade)
Department of ECE, PSGiTech

Coordinators:
Ms D Archana
Assistant Professor (Senior Grade)
Department of ECE, PSGiTech



For further details, please contact:

The Honorary Secretary
The Institution of Engineers (India)
Coimbatore Local Centre
PSG Tech Campus
Peelamedu, Coimbatore - 641004
Phone: 0422 - 2580733 / Office: 8056652764
Email: coimbatorelc@ieindia.org

Dr M Jothibas MIE
Assistant Professor (Selection Grade)
Department of ECE, PSGiTech
Mobile: 9789698855
Email: jothibas@psgitech.ac.in

Registration QR:



Important Dates:

Last date of registration : 09.04.2024

Intimation / confirmation : 10.04.2024

*** Spot registration is strictly not permitted**

